

REPRESENTING



Mike Tennery

Idaho Coordinator

Fuels For Schools Program

Phone (208) 659-3752

228 E. Miles Ave., Hayden Lake, ID 83835

Email: ffsidaho@adelphia.net

May 17, 2005

The following is a summary of the status of all of the projects under construction or being looked at by the Idaho Fuels For Schools program. For additional information please contact the Coordinator.

Active Projects:

Status of Council FFS Project -Council School District has a contract with Siemens Building Technologies, Inc. to accomplish renovation of energy using aspects of the school building complex in Council Idaho to include addition of a biomass fueled heating and air cooling system. The District has also obtained a RAC grant to construct two greenhouses, also heated by the biomass system, on the site. Greenhouses will be used initially to grow tree seedlings for the Forest Service. This is an approximate 2.7 million dollar project with a \$510,000 FFS grant to seed the project.

On May 2, 2005 ground was broken for the start of construction. The old boiler in the elementary school is currently being removed. Construction trailers are in place and full scale construction activities will begin after the school year ends on May 31, 2005. Biomass fueled system is anticipated to be operational by October of 2005. A "Grand Opening" will be held with public invited to tour the facilities. A comprehensive article about this project is due to be published this month in "Slate" magazine, a publication of the Idaho School Boards Association.



Council School Complex

Status of Kellogg FFS Project- Kellogg School District has a contract with Siemens Building Technologies, Inc. to accomplish an energy audit of the Districts Facilities. Final report from Siemens is due at the District on June 1, 2005. Preliminary information from Siemens has revealed that the High School and the elementary school at Pinehurst are not suitable candidates for conversion to biomass fueled heating systems. The primary reason cited is the difficulty and expense in meeting Idaho air quality standards at both locations

The School Board has voted to pursue the feasibility of installing a biomass fueled heating system which would supply heat to the Kellogg Middle School, Sunnyside Elementary and the District Office Building. These buildings are co-located. In addition the District is working with the City of Kellogg on plans for the possible inclusion of a proposed water park (adjacent to the school complex) into the heating system. This would give year round use of the Biomass system. A \$381,000 FFS grant has been offered to the Kellogg School District to assist in construction of this project.

On June 2, 2005 the School Board will review the Siemens energy audit. If the Board approves Siemens proposal the Board will schedule a Bond election for October of 2005. With a positive vote from Districts voters construction will begin with a proposed completion time of fall 2006.

Projects under review:

1. Mullan, Idaho – Mullan School District – an engineering feasibility study was accomplished by CTA engineering looking at converting the heating system of the Districts Sports Pavilion to a biomass fueled system. Results of the study indicated installation of a biomass fueled system would result in a significant cost savings for the district. Of note is the Pavilion contains a large swimming pool in addition to gymnasium and pool requires use of heating system on a year round basis. The district has applied for a Forest Service Grant to assist in funding of the conversion.
2. Priest River, Idaho – West Bonner County School District –District proposed converting heating systems at the High School, Middle School and PR Elementary. An engineering feasibility study was accomplished by CTA engineering. Results of the study indicated installation of a biomass fueled system at the Middle School would result in a significant cost savings for the district. District is exploring funding options.
3. Cascade, Idaho – School District and City/County officials proposed the conversion of the heating systems for the School, Sheriffs Office, Jail, County office and hospital. An engineering feasibility study was accomplished by CTA engineering. Results of the study indicated installation of a biomass fueled system would result in a significant cost savings for heating of the School, Sheriffs Office, Jail, County office. Conversion of the Hospital would require a separate system due to the distance from the other buildings. Cascade officials are pursuing funding options.
4. St Maries, Idaho- Saint Maries School District – proposed conversion of High School, Middle School and Elementary School to biomass fueled heating system. An engineering feasibility study was accomplished by CTA engineering looking at converting the heating system of the Districts schools. Results of the study indicated installation of a biomass fueled system in the Middle School would result in a significant cost savings for the district. Conversion of the other school buildings was not economically feasible. District is exploring funding options.

5. Challis, Idaho – Challis School District – has proposed converting the three separated school buildings from electric fired boilers to biomass fueled boilers. FFS Pre Feasibility Forms were completed by the District, reviewed by the FFS Coordinator and a Feasibility study has been requested from CTA Engineering through the Bitterroot RC&D.
6. Idaho City, Idaho – School District & Forest Service – proposed the installation of a biomass fueled heating system to provide heat to the school and the FS complex which are co-located. FFS Pre Feasibility Forms were completed by the District, reviewed by the FFS Coordinator and a Feasibility study has been requested from CTA Engineering through the Bitterroot RC&D.
7. Orofino, Idaho – a group from Clearwater County has proposed the idea of heating the High School, Prison and Hospital with a central biomass fueled heating system. FFS Pre Feasibility Forms have been sent and FFS Coordinator is awaiting their completion to review the proposal. (Chevron Texaco has a energy audit contract with the state to evaluate the energy uses in the State prisons. They have been informed of this proposal.)
8. Bonners Ferry, Idaho – a group working with the Boundary County Commissioners is proposing conversion of the heating systems in the County Court House and Jail (located in Bonners Ferry) to a biomass fueled heating system. FFS Pre Feasibility Forms have been sent and FFS Coordinator is awaiting their completion to review the proposal.
9. Idaho Falls, Idaho – Christie Applehouse from White Pine Charter School is working with the schools management group on construction of a new school building and interested in possibility of using a biomass fueled heating system. FFS Pre Feasibility Forms have been sent and FFS Coordinator is awaiting their completion to review the proposal.